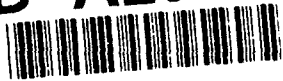


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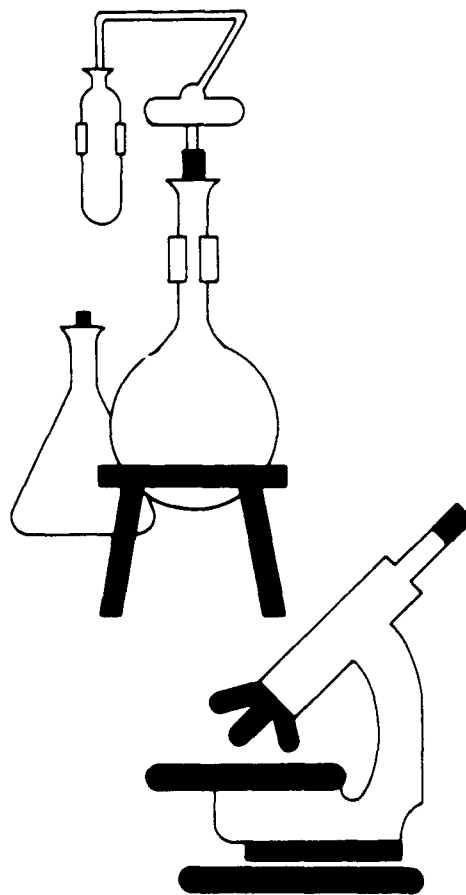
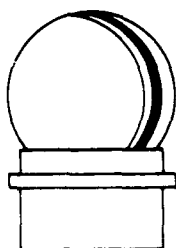


EDUCATIONAL AND NONPROFIT INSTITUTIONS

RECEIVING PRIME CONTRACT

AWARDS FOR RDT&E

Fiscal Year 1990



EDUCATIONAL AND NONPROFIT INSTITUTIONS RECEIVING PRIME CONTRACT AWARDS FOR RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Fiscal Year 1990



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FOREWORD

Educational and Nonprofit Institutions Receiving Prime Contract Awards for Research, Development, Test, and Evaluation is published annually.

This report provides information on Department of Defense prime contract awards to educational and nonprofit institutions for research, development, test, and evaluation (RDT&E). These data are shown in three sections, organized by awards to:

1. Educational and nonprofit institutions within the United States;
2. U.S. government agencies; and
3. Foreign institutions and government agencies.

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INTRODUCTION

This report presents data on Department of Defense (DoD) prime contract awards over \$25,000 for research, development, test, and evaluation (RDT&E) made to educational and nonprofit institutions during Fiscal Year (FY) 1990. These data are presented in three tables, each of which lists contractors alphabetically and gives the net value of all awards to the contractor as well as the value of the awards to each of the contractor's locations, where applicable. Table 1 covers awards to educational and other nonprofit institutions in the United States, and Table 2 covers awards to U.S. government agencies. Data on awards to foreign institutions and government agencies are provided in Table 3. In Tables 1 through 3, contractor totals are indicated by an asterisk (*).

NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only and only that awarded to nonprofit, educational, and government institutions. Data on awards for other services, such as training, and on any supplies furnished by the contractor in support of research being done, are excluded. Contract awards for civil functions are included in these data. Civil functions encompass planning, programming, designing, constructing, and operating Federal water resource projects for navigation, flood control, hydroelectric power production, water supply, and other related activities.

The locations shown in the tables are those reported as where the work was to be performed. Normally, this is a facility of the institution awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense facility rather than the institution.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.

HIGHLIGHTS

The following table shows the number of institutions receiving RDT&E contracts and the net value of the awards, by type of institution, for FY 1990 and FY 1989.

TYPE OF INSTITUTION	FISCAL YEAR			
	1990		1989	
	NUMBER	AMOUNT*	NUMBER	AMOUNT*
TOTAL	<u>336</u>	<u>\$2,878</u>	<u>353</u>	<u>\$2,698</u>
U.S. INSTITUTIONS - TOTAL	<u>280</u>	<u>2,845</u>	<u>298</u>	<u>2,654</u>
Educational	200	1,500	203	1,459
Other Nonprofit	80	1,345	95	1,195
U.S. GOVERNMENT AGENCIES	<u>7</u>	<u>8</u>	<u>8</u>	<u>7</u>
FOREIGN INSTITUTIONS AND GOVERNMENT AGENCIES	49	25	47	37

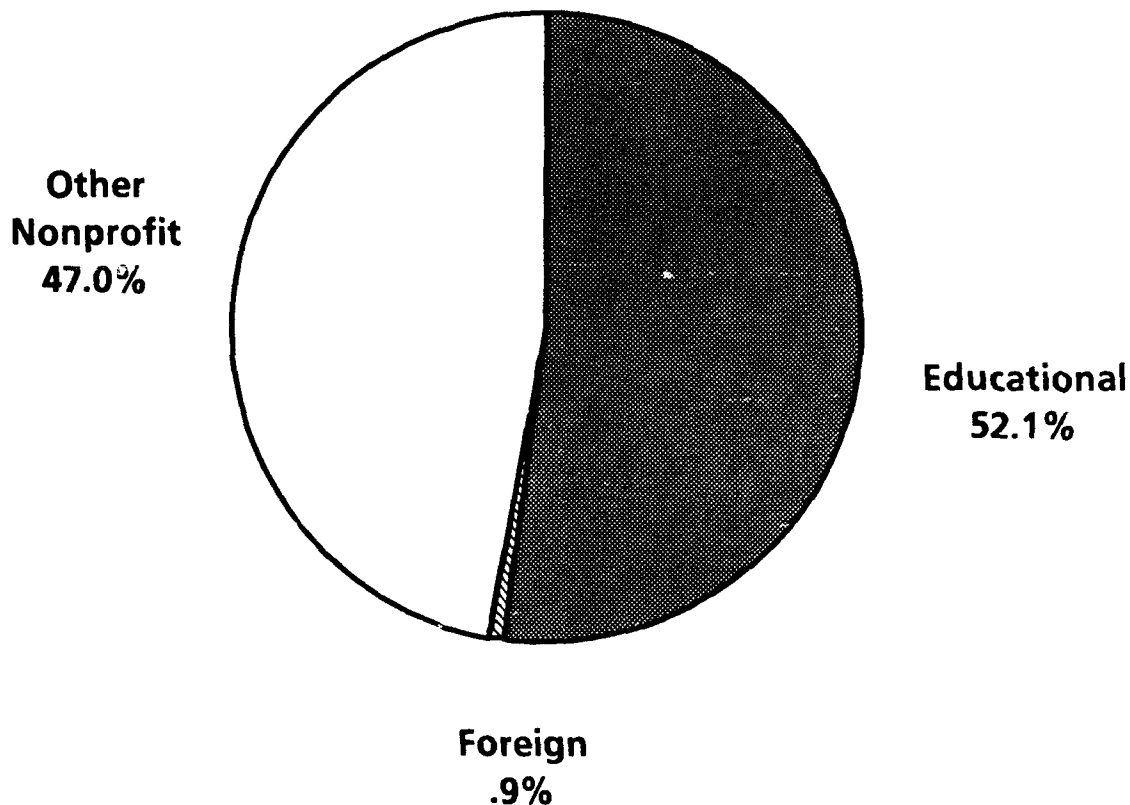
*Amounts in million

In FY 1990, educational and nonprofit institutions received DoD prime contract awards over \$25,000 for RDT&E totaling \$2,878 million compared to \$2,698 in FY 1989. This represents an increase of \$180 million or 6.7 percent. Awards to U.S. institutions increased from \$2,654 million in FY 1989 to \$2,845 million in FY 1990, an increase of 7.2 percent and awards to U.S. government agencies increased from \$7 million in FY 1989 to \$8 million in FY 1990 or 14.3 percent. The awards to foreign institutions shows a decrease from \$37 million to \$25 million or 32.4 percent.

The following chart presents the percentage distribution of the net value of RDT&E awards to educational, foreign, and other nonprofit institutions, which includes government institutions for FY 1990:

Educational and Nonprofit Institutions-RDT&E

Fiscal Year 1990



Total Dollars Awarded \$2,878 (million)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
AEROSPACE CORPORATION El Segundo California	416,217 *	BAITELLE MEMORIAL INSTITUTE	
	416,217	Lexington Kentucky	46
AGOURON INSTITUTE	75 *	Baton Rouge Louisiana	30
Placentia California	75	Orono Maine	75
ALABAMA A & M UNIVERSITY	278 *	Baltimore Maryland	80
Huntsville Alabama	136	Rockville Maryland	55
Normal Alabama	142	Boston Mass	38
AMERICAN FOUNDATION	50 *	Groton Mass	26
Rockville Maryland	50	North Andover Mass	144
AMERICAN INST BIOLOGICAL SCIENCE	761 *	Wilbraham Mass	44
Washington D.C.	761	Worcester Mass	31
AMERICAN INST RSCH BEHAV SCI	660 *	Detroit Michigan	34
Washington D.C.	660	Houghton Michigan	41
ANALYTIC SERVICES INC	34,751 *	Midland Michigan	53
Colorado Sprgs Colorado	394	Mount Pleasant Michigan	70
Arlington Virginia	34,357	Okemos Michigan	55
ARIZONA STATE UNIVERSITY	894 *	Minneapolis Minnesota	69
Tempe Arizona	894	Minnetonka Minnesota	111
ASSOC OF CAPE COD	223 *	Mississippi St Miss	42
Falmouth Mass	223	Starkville Miss	37
ASSOCIATED UNIVERSITIES INC	297 *	Chesterfield Missouri	36
Washington D.C.	50	St Louis Missouri	124
Upton New York	247	Nashua N.H.	40
AUBURN UNIVERSITY	2,614 *	Omaha Nebraska	56
Auburn Alabama	2,448	Colts Neck New Jersey	35
Huntsville Alabama	166	Mays Landing New Jersey	91
BAITELLE MEMORIAL INSTITUTE	26,199 *	Phillipsburg New Jersey	62
Auburn Alabama	107	Sparta New Jersey	31
Florence Alabama	28	Teterboro New Jersey	71
Guntersville Alabama	26	Las Cruces New Mexico	114
Huntsville Alabama	27	Los Alamos New Mexico	69
Tucson Arizona	30	Socorro New Mexico	39
Berkeley California	89	Binghamton New York	48
Claremont California	45	Brookhaven New York	26
Cupertino California	37	Ithaca New York	27
El Cerrito California	33	Northport New York	37
El Macero California	29	Columbus Ohio	20,400
Lancaster California	37	Dayton Ohio	90
Menlo Park California	54	Hilliard Ohio	85
San Diego California	54	Milford Ohio	35
Fort Collins Colorado	35	Plain City Ohio	44
Mansfield Cent Conn	27	Norman Oklahoma	156
Middletown Conn	25	Corvallis Oregon	31
Woodbridge Conn	125	Ambler Penn	31
Washington D.C.	76	Bethlehem Penn	34
Gainesville Florida	31	Pittsburgh Penn	32
Indianapolis Florida	111	State College Penn	42
Orlando Florida	58	Kingston Rhode Isld	34
Spring Hill Florida	45	Tallahoma Tennessee	41
Tallahassee Florida	46	College Statio Texas	30
Tampa Florida	59	Dallas Texas	31
Winter Park Florida	81	Denton Texas	68
Norcross Georgia	27	El Paso Texas	115
Chicago Illinois	49	Houston Texas	54
Edwardsville Illinois	116	Prairie View Texas	30
Skokie Illinois	41	Waco Texas	65
West Lafayette Indiana	126	Arlington Virginia	136
Lawrence Kansas	41	Hampton Virginia	30
Wichita Kansas	32	Norfolk Virginia	68
		Springfield Virginia	151
		Vienna Virginia	399
		Pullman Washington	43
		Richland Washington	96
		Madison Wisconsin	36
		Menomonie Wisconsin	30
		Laramie Wyoming	28

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
BAYLOR COLLEGE OF MEDICINE Houston Texas	354 * 354	CLEMSON UNIVERSITY Patuxent River Maryland Clemson S Carolina	2,127 * 109 2,018
BAYLOR UNIVERSITY Dallas Texas	406 * 406	COLLEGE ENTRNCE EXMNTION BORD Washington D.C.	32 * 32
BOSTON COLLEGE Bedford Mass Boston Mass Newton Mass	3,427 * 449 2,773 205	COLLEGE OF WILLIAM & MARY Williamsburg Virginia	30 * 30
BOSTON UNIVERSITY Boston Mass Springfield Mass	4,954 * 4,359 596	COLORADO SCHOOL OF MINES Golden Colorado	330 * 330
BOWIE STATE COLLEGE Bowie Maryland	35 * 35	COLORADO STATE UNIVERSITY Fort Collins Colorado	2,522 * 2,522
BRANDEIS UNIVERSITY Waltham Mass	150 * 150	COLUMBIA UNIVERSITY New York New York Oyster Bay New York	5,215 * 4,995 220
BRIGHAM YOUNG UNIVERSITY Provo Utah	254 * 254	COORDINATING RESEARCH COUNCIL Atlanta Georgia	80 * 80
BROWN UNIVERSITY Providence Rhode Islnd	2,894 * 2,894	CORNELL UNIVERSITY Ithaca New York New York New York	8,946 * 8,819 127
CALIFORNIA INST OF TECHNOLOGY Pasadena California	4,735 * 4,735	DANA FARBER CANCER INSTITUTE Boston Mass	65 * 65
CALIFORNIA ST Univ SAN DIEGO San Diego California	3,198 * 3,198	DARTMOUTH COLLEGE Hanover N.H.	1,368 * 1,368
CALIFORNIA STATE POLYTECHNIC Pomona California	58 * 58	DENVER MUS OF NATURAL HISTORY Denver Colorado	32 * 32
CALIFORNIA URBAN INDIAN HEALTH Berkeley California	216 * 216	DRAPER CHARLES STARK LAB INC Cambridge Mass	58,489 * 58,489
CARNEGIE MELLON UNIVERSITY Pittsburgh Penn	57,225 * 57,229	DREXEL UNIVERSITY Philadelphia Penn	701 * 701
CASE WESTERN RESERVE UNIV Cleveland Ohio Wright Patters Ohio	1,051 * 375 676	DUKE UNIVERSITY Durham N Carolina	3,775 * 3,775
CATHOLIC UNIVERSITY OF AMERICA Washington D.C.	1,241 * 1,241	E E G SYSTEMS LABORATORY INC San Francisco California	150 * 150
CENTER FOR STRATEGIC STUDY Washington D.C.	70 * 70	EAST CAROLINA UNIVERSITY Greenville N Carolina	59 * 59
CENTRAL STATE UNIVERSITY Uilberforce Ohio	301 * 301	EDUCATIONAL TESTING SERVICE Princeton New Jersey	45 * 45
CHILDRENS MEDICAL CENTER CORP Boston Mass	136 * 136	EMORY UNIVERSITY Atlanta Georgia	154 * 154
CITY UNIVERSITY OF NEW YORK New York New York	1,708 * 1,708	ENVIRONMENTAL RESCH INST OF MICH Ann Arbor Michigan	13,724 * 13,724
CLARK ATLANTA UNIVERSITY Atlanta Georgia	563 * 563	FASHION INST OF TECHNOLOGY New York New York	1,708 * 1,708
CLARASON UNIVERSITY Potsdam New York	120 * 120	FLORIDA A & M UNIVERSITY Tallahassee Florida	485 * 485

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
FLORIDA ATLANTIC UNIVERSITY Boca Raton Florida	96 * 96	HUMAN RESOURCES RES ORGANIZATION Fort Knox Kentucky Alexandria Virginia	999 * 541 458
FLORIDA STATE UNIVERSITY Tallahassee Florida	206 * 206	ILLINOIS RESEARCH INSTITUTE Chicago Illinois Chicago O Hare Illinois Lanham Maryland Rome New York Syracuse New York Dayton Ohio Oak Ridge Tennessee	63,424 * 60,731 1,320 483 60 75 100 655
GAMBLE JAMES N INST MED RES Cincinnati Ohio	122 * 122	ILLINOIS INST OF TECHNOLOGY Chicago Illinois	1,778 * 1,778
GENERAL HOSPITAL CORPORATION Boston Mass	6,580 * 6,580	INDIANA UNIVERSITY FOUNDATION Bloomington Indiana Indianapolis Indiana	304 * 217 87
GEORGE MASON UNIVERSITY Fairfax Virginia	448 * 448	INDUSTRIAL TECHNOLOGY INSTITUTE Ann Arbor Michigan	91 * 91
GEORGE WASHINGTON UNIV THE Washington D.C.	450 * 450	INST FOR RSCH ON SMALL ARMS Aberdeen Maryland	98 * 98
GEORGETOWN UNIVERSITY Washington D.C.	906 * 906	INSTITUTE FOR DEF ANALYSES Alexandria Virginia	60,081 * 60,081
GEORGIA INSTITUTE TECHNOLOGY Atlanta Georgia	9,032 * 9,032	INSTITUTE FOREIGN POLY ANALY Cambridge Mass	300 * 300
GEORGIA STATE UNIVERSITY Atlanta Georgia	54 * 54	INSTITUTE OF GAS TECHNOLOGY Chicago Illinois	140 * 140
GEORGIA TECH RESEARCH CORP Redstone Arsen Alabama Eglin AFB Florida Atlanta Georgia	27,593 * 48 180 27,365	IOWA STATE UNIV SCNC Ames Iowa	432 * 432
GORGAS MEMORIAL INSTITUTE Bethesda Maryland	100 * 100	JOHNS HOPKINS UNIVERSITY Baltimore Maryland Laurel Maryland White Crystal Maryland	373,946 * 2,132 371,754 60
GULF COAST RESEARCH LABORATORY Ocean Springs Miss	250 * 250	KANSAS STATE UNIVERSITY Manhattan Kansas	44 * 44
GULL FOUNDATION FOR MED RES Salt Lake City Utah	50 * 50	KENT STATE UNIVERSITY Kent Ohio	250 * 250
HAHNEMANN UNIVERSITY Philadelphia Penn	92 * 92	LA JOLLA INSTITUTE Placentia California	175 * 175
HAMPTON UNIVERSITY Hampton Virginia	101 * 101	LA SALLE UNIVERSITY Philadelphia Penn	73 * 73
HARVARD UNIVERSITY Cambridge Mass Southboro Mass	3,713 * 2,746 967	LAURENCE LIVERMORE LABORATORY Berkeley California Livermore California	284 * 40 244
HEALTH RESEARCH INC Albany New York Buffalo New York	397 * 103 294	LEHIGH UNIVERSITY Bethlehem Penn Lehigh Penn	497 * 397 100
HELICON FOUNDATION THE San Diego California	105 * 105	LOGISTICS MGT INSTITUTE Washington D.C. Bethesda Maryland	20,311 * 677 19,684
HIGH & SCOPE EDUCATIONAL RES F Ypsilanti Michigan	115 * 115		
HOWARD UNIVERSITY Washington D.C.	585 * 585		
HUDSON INSTITUTE INC Indianapolis Indiana	7,079 * 7,079		

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
LOUISIANA ST UNIV MED CTR New Orleans Louisiana	250 *	MISSISSIPPI STATE UNIVERSITY Columbus Miss	457 *
	250	State College Miss	40
LOUISIANA STATE UNIV SYSTEM Baton Rouge Louisiana	220 *		417
	220	MITRE CORPORATION Bedford Mass	407,283 *
LOUISIANA TECH UNIVERSITY Ruston Louisiana	41 *	McLean Virginia	407,354 *
	41		71-
LOYOLA UNIVERSITY OF CHICAGO Chicago Illinois	51 *	MONTANA STATE UNIVERSITY Bozeman Montana	83 *
	51		83
MARYLAND STATE OF Baltimore Maryland	653 *	MONTEREY BAY AQUARIUM RESEARCH Pacific Grove California	76 *
	653		76
MASSACHUSETTS INST OF TECHNOLOGY Cambridge Mass	455,149 *	MOREHOUSE COLLEGE Atlanta Georgia	169 *
Lexington Mass	22,615		169
St Paul Minnesota	432,504	N E D H CORP Boston Mass	112 *
	30		112
MAYO FOUNDATION Rochester Minnesota	2,832 *	NATIONAL ACADEMY SCIENCES USA Washington D.C.	8,233 *
	2,832		8,233
MEDICAL COLLEGE OF GEORGIA Augusta Georgia	338 *	NATIONAL CNCL ON RADTN PRCTN Bethesda Maryland	85 *
	338		85
MEDICAL COLLEGE OF PENN Philadelphia Penn	123 *	NATIONAL CNCL YMCA OF U S A Pearl Harbor N Hawaii	305 *
	123		305
MEHARRY MEDICAL COLLEGE Pine Knoll Sho N Carolina	363 *	NATIONAL SCIENCE FOUNDATION Washington D.C.	1,462 *
Nashville Tennessee	252		1,462
	111	NATIONAL TECHNICAL UNIVERSITY Fort Collins Colorado	70 *
MEMPHIS STATE UNIVERSITY Memphis Tennessee	55 *		70
	55	NEUROSCIENCES RES FOUNDATION New York New York	200 *
MERCER UNIVERSITY Macon Georgia	4,237 *		200
Robins AFB Georgia	670	NEW ENGLAND DEACONESS HOSP CO Boston Mass	235 *
Warner Robins Georgia	2,140		235
	1,427	NEW MEXICO STATE OF Albuquerque New Mexico	6,912 *
MIAMI VALLEY RESEARCH INST Dayton Ohio	1,612 *	Kirtland AFB New Mexico	1,204
	1,612	Socorro New Mexico	5,643
MICHIGAN DEPT PUBLIC HEALTH Lansing Michigan	1,500 *		65
	1,500	NEW MEXICO STATE UNIVERSITY Las Cruces New Mexico	13,507 *
MICHIGAN STATE UNIVERSITY East Lansing Michigan	702 *	White Sands Ms New Mexico	6,189
	702		7,318
MICHIGAN TECHNICAL UNIVERSITY Houghton Michigan	2,274 *	NEW MEXICO INST OF MIN TECHNOLOGY Socorro New Mexico	676 *
	2,274		676
MICROELECTRONICS CTR OF N CAROLINA Research Trian N Carolina	30 *	NEW YORK BLOOD CENTER INC New York New York	105 *
	30		105
MIDDLEBURY COLLEGE Middlebury Vermont	54 *	NEW YORK UNIVERSITY New York New York	1,069 *
	54		1,069
MIDWEST BIOLOGER INSTITUTE Chicago Illinois	549 *	NORTH CAROLINA A&T UNIV Greensboro N Carolina	810 *
	549		810
MIDWEST RESEARCH INSTITUTE Kansas City Missouri	462 *	NORTH CAROLINA CENTRAL UNIV Durham N Carolina	279 *
	462		279

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
NORTH CAROLINA STATE UNIV Raleigh N Carolina	4,763 *	PURDUE RESEARCH FOUNDATION West Lafayette Indiana	81 *
NORTH DAKOTA STATE UNIVERSITY Fargo N Dakota	44 *	PURDUE UNIVERSITY West Lafayette Indiana	2,345 *
NORTHEASTERN UNIVERSITY CORP Boston Mass	2,044 *	RAND CORPORATION Los Angeles California	79,348 *
NORTHWESTERN UNIVERSITY Evanston Illinois	1,836 *	Santa Monica California	25,243
NOVA UNIVERSITY INC Dania Florida	163 *		54,105
Ft Lauderdale Florida	63	REGIS COLLEGE Bedford Mass	131 *
NYSERNET INC Syracuse New York	2,145 *		131
OHIO STATE UNIVERSITY Columbus Ohio	2,000 *	RENSSELAER POLYTECHNIC INST Troy New York	3,757 *
OHIO UNIVERSITY Athens Ohio	421 *		3,757
OHIO WESLEYAN UNIVERSITY Delaware Ohio	101 *	RESEARCH TRIANGLE INSTITUTE Norcross Georgia	6,206 *
OKLAHOMA STATE UNIVERSITY Eglin AFB Florida	3,451 *	Raleigh N Carolina	37
Stillwater Oklahoma	1,817	Research Trian N Carolina	284
OLD DOMINION UNIV RES FOUNDATION Norfolk Virginia	1,634		5,885
OREGON HLTH SCIENCES UNIVERSITY Portland Oregon	447 *	RICE WILLIAM MARSH UNIVERSITY Houston Texas	901 *
	447		901
OREGON STATE UNIVERSITY Corvallis Oregon	168 *	RIVERSIDE RESEARCH INSTITUTE New York New York	8,559 *
	168		8,559
OUACHITA BAPTIST UNIVERSITY Arkadelphia Arkansas	1,922 *	ROCKEFELLER UNIVERSITY INC New York New York	146 *
	1,922		146
PALISADES INST FOR RES SVCS New York New York	77 *	RUTGERS THE STATE UNIVERSITY New Brunswick New Jersey	5,721 *
Fairborn Ohio	77	Piscataway New Jersey	5,196
PENNSYLVANIA STATE UNIV State College Penn	1,480 *		525
	1,350	SALK INST FOR BLGICAL STUDIES San Diego California	6,627 *
PERSONNEL DCSONS RES INST Minneapolis Minnesota	170 *	Swiftwater Penn	30-
PIERCE JOHN B FOUNDATION LAB New Haven Conn	150 *		6,657
	150	SCRIPPS CLINIC RES FOUNDATION Placentia California	860 *
POLYTECHNIC UNIV OF NEW YORK Farmingdale New York	1,561 *	San Diego California	215
Gates New York	435		645
New York New York	229	SLOAN KETTERING INSTITUTE New York New York	253 *
PRINCETON UNIVERSITY Princeton New Jersey	897		253
	4,496 *	SMITHSONIAN INSTITUTION Cambridge Mass	31 *
	4,496		31
		SOCIETY OF AUTO ENGINEERS Warrendale Penn	227 *
			227
		SOUTHEASTN CTR ELECTR ENG ED Long Beach California	5,261 *
		Orlando Florida	142
		Saint Cloud Florida	3,209
		Bedford Mass	1,199
		Boston Mass	525
		Wright Patters Ohio	36
		Salt Lake City Utah	116
			34
		SOUTHERN ILLINOIS UNIVERSITY Carbondale Illinois	406 *
		Springfield Illinois	329
			77
		SOUTHERN METHODIST UNIVERSITY Dallas Texas	4,709 *
			4,709

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
SOUTHERN RESEARCH INSTITUTE Birmingham Alabama	4,156 * 4,156	TRIDENT TECHNICAL COLLEGE Charleston S Carolina	21,022 * 21,022
SOUTHWEST FOUNDATION San Antonio Texas	381 * 381	TUFTS UNIVERSITY Medford Mass	175 * 175
SOUTHWEST RESEARCH INSTITUTE Los Angeles California St Louis Missouri San Antonio Texas San Diego Texas	6,862 * 42 43 6,463 314	TULANE UNIVERSITY New Orleans Louisiana	95 * 95
SPELMAN COLLEGE Atlanta Georgia	62 * 62	TUSKEGEE UNIVERSITY Tuskegee Alabama	648 * 648
SRI INTERNATIONAL Los Angeles California Menlo Park California Washington D.C. Melbourne Florida	37,067 * 162 36,587 246 72	UNIV OF TEXAS AT AUSTIN Austin Texas	1,000 * 1,000
ST LOUIS UNIVERSITY St Louis Missouri	197 * 197	UNIVERSITIES SPACE RES ASSN Columbia Maryland	1,027 * 1,027
STANFORD UNIVERSITY Sand Hill California Stanford California	23,317 * 857 22,460	UNIVERSITY NC AT CHAPEL HL San Diego California Chapel Hill N Carolina	2,011 * 51 1,960
STATE UNIVERSITY OF NEW YORK Albany New York Buffalo New York Stony Brook New York	3,493 * 2,216 1,072 205	UNIVERSITY NOTRE DAME Notre Dame Indiana	257 * 257
STEVENS INST OF TECHNOLOGY Hoboken New Jersey	28 * 28	UNIVERSITY OF ALABAMA Birmingham Alabama Huntsville Alabama Oneonta Alabama Tuscaloosa Alabama	7,830 * 389 7,344 52 45
SW OHIO CNCL FOR HIGHER EDUC Dayton Ohio	246 * 246	UNIVERSITY OF ALASKA Fairbanks Alaska	115 * 115
SYRACUSE RESEARCH CORP Syracuse New York	824 * 824	UNIVERSITY OF ARIZONA Tempe Arizona Tucson Arizona	5,515 * 97 5,418
SYRACUSE UNIVERSITY Syracuse New York	3,320 * 3,320	UNIVERSITY OF ARKANSAS Fayetteville Arkansas Little Rock Arkansas Pine Bluff Arkansas	572 * 357 125 90
TEMPLE UNIV CMWLTH SYSTEM Philadelphia Penn	660 * 660	UNIVERSITY OF CALIFORNIA Berkeley California Davis California Irvine California Los Angeles California Placentia California Riverside California San Diego California San Francisco California Santa Barbara California Santa Cruz California	39,259 * 6,642 929 2,556 5,287 3,489 90 8,749 1,832 9,376 309
TENNESSEE TECHNOLOGICAL UNIV Cookeville Tennessee	88 * 88	UNIVERSITY OF CENTRAL FLORIDA Melbourne Florida Orlando Florida	3,122 * 34 3,088
TEXAS A & M RESEARCH FDN College Statio Texas	907 * 907	UNIVERSITY OF CHICAGO THE Chicago Illinois	1,247 * 1,247
TEXAS A & M UNIV SYS THE Arlington Texas College Statio Texas	1,644 * 125 1,519	UNIVERSITY OF CINCINNATI Cambridge Mass Cincinnati Ohio	1,212 * 306 906
TEXAS CHRISTIAN UNIVERSITY Fort Worth Texas	112 * 112		
TEXAS TECH UNIVERSITY Lubbock Texas	1,019 * 1,019		
THOMAS JEFFERSON UNIVERSITY Philadelphia Penn	1,042 * 1,042		

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work			Thousands of Dollars	Name of Contractor Location of Work			Thousands of Dollars
UNIVERSITY OF COLORADO			2,980 *	UNIVERSITY OF MASSACHUSETTS			4,691 *
Boulder	Colorado		2,369	Amherst	Mass		4,014
Colorado Sprng	Colorado		194	Worcester	Mass		677
Denver	Colorado		417				
UNIVERSITY OF CONNECTICUT			762 *	UNIVERSITY OF MEDICINE			966 *
Farmington	Conn		117	Newark	New Jersey		916
Storrs	Conn		645	Piscataway	New Jersey		50
UNIVERSITY OF DAYTON			22,216 *	UNIVERSITY OF MIAMI INC			470 *
Williams AFB	Arizona		2,906	Coral Gables	Florida		325
Edwards AFB	California		2,562	Miami	Florida		145
Dayton	Ohio		16,155	UNIVERSITY OF MICHIGAN			6,698 *
Montgomery	Ohio		593	Albion	Michigan		51
UNIVERSITY OF DELAWARE			1,038 *	Ann Arbor	Michigan		6,526
Newark	Delaware		1,038	Lansing	Michigan		121
UNIVERSITY OF DENVER			1,902 *	UNIVERSITY OF MINNESOTA			7,824 *
Denver	Colorado		1,853	Duluth	Minnesota		89
White Sands	New Mexico		49	Minneapolis	Minnesota		1,103
UNIVERSITY OF FLORIDA			3,849 *	St Paul	Minnesota		6,632
Russells Corner	Florida		481	UNIVERSITY OF MISSISSIPPI			168 *
Gainesville	Florida		3,103	Jackson	Miss		172
Tampa	Florida		265	Oxford	Miss		40
UNIVERSITY OF GEORGIA			172-*	University	Miss		44-
Athens	Georgia		172-	UNIVERSITY OF MISSOURI			346 *
UNIVERSITY OF HAWAII			364 *	Columbia	Missouri		296
Honolulu	Hawaii		364	Rolla	Missouri		50
UNIVERSITY OF HOUSTON SYSTEM			564 *	UNIVERSITY OF NC AT CHARLOTTE			36 *
Houston	Texas		564	Charlotte	N Carolina		36
UNIVERSITY OF IDAHO			40 *	UNIVERSITY OF NEBRASKA			232 *
Moscow	Idaho		40	Liberty	Nebraska		95
UNIVERSITY OF ILLINOIS			10,908 *	Lincoln	Nebraska		137
Caldwells	Illinois		28	UNIVERSITY OF NEVADA SYSTEM			84 *
Champaign	Illinois		9,043	Reno	Nevada		84
Chicago	Illinois		1,202	UNIVERSITY OF NEW MEXICO			170 *
Savoy	Illinois		74	Albuquerque	New Mexico		170
Urbana	Illinois		561	UNIVERSITY OF NEW ORLEANS			155 *
UNIVERSITY OF IOWA THE			677 *	New Orleans	Louisiana		155
Iowa City	Iowa		677	UNIVERSITY OF NORTH TEXAS			321 *
UNIVERSITY OF KANSAS			363 *	Denton	Texas		160
Kansas City	Kansas		175	Fort Worth	Texas		161
Lawrence	Kansas		188	UNIVERSITY OF OKLAHOMA			676 *
UNIVERSITY OF KENTUCKY			331 *	Norman	Oklahoma		676
Lexington	Kentucky		331	UNIVERSITY OF OREGON			373 *
UNIVERSITY OF LOUISVILLE			64 *	Eugene	Oregon		373
Louisville	Kentucky		64	UNIVERSITY OF PENNSYLVANIA			7,422 *
UNIVERSITY OF LOWELL			4,842 *	Philadelphia	Penn		7,422
Lowell	Mass		4,842	UNIVERSITY OF PITTSBURGH			9,619 *
UNIVERSITY OF MARYLAND			9,145 *	Johnstown	Penn		8,130
CHILE	D.C.		149	Pittsburgh	Penn		1,425
Washington	Maryland		69	Morgantown	W Virginia		64
Adelphi	Maryland		753				
Baltimore	Maryland		1,800				
College Park	Maryland		6,291				
Newark	New Jersey		83				

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
UNIVERSITY OF PUERTO RICO	117 *	UNIVERSITY OF WISCONSIN SYSTEM	3,866 *
Mayaguez Puerto Ric	27	Kenosha Wisconsin	39
San Juan Puerto Ric	90	Madison Wisconsin	2,934
		Milwaukee Wisconsin	893
UNIVERSITY OF RHODE ISLAND	751 *	UNIVERSITY OF WYOMING	498 *
Kingston Rhode Isl	436	Laramie Wyoming	498
Narragansett Rhode Isl	315		
UNIVERSITY OF ROCHESTER	4,312 *	UNIVERSITY RESEARCH FOUNDATION	2,669 *
Rochester New York	4,312	Greenbelt Maryland	2,669
UNIVERSITY OF SAN FRANCISCO	116 *	UNIVERSITY SYSTEM OF NH	100 *
San Francisco California	116	Durham N.H.	100
UNIVERSITY OF SOUTH ALABAMA	91 *	UTAH STATE UNIVERSITY	44,562 *
Mobile Alabama	91	Logan Utah	44,562
UNIVERSITY OF SOUTH CAROLINA	590 *	VANDERBILT UNIVERSITY THE	3,052 *
Columbia S Carolina	590	Nashville Tennessee	3,052
UNIVERSITY OF SOUTH DAKOTA	30 *	VIRGINIA COMMONWEALTH UNIV	755 *
Vermillion S Dakota	30	Richmond Virginia	755
UNIVERSITY OF SOUTH FLORIDA	605 *	VIRGINIA PLTYCHNIC INST ST UNI	3,567 *
Tampa Florida	473	Blacksburg Virginia	3,567
University Florida	132		
UNIVERSITY OF SOUTHERN MISSISS	320 *	VIRGINIA STATE UNIVERSITY	95 *
Hattiesburg Miss	320	Petersburg Virginia	95
UNIVERSITY OF STERN CLFORNIA	30,953 *	WASHINGTON STATE UNIVERSITY	393 *
Los Angeles California	30,888	Pullman Washington	393
San Diego California	65	WASHINGTON UNIVERSITY	676 *
UNIVERSITY OF TENNESSEE	1,381 *	St Louis Missouri	676
Knoxville Tennessee	492	WASHINGTON UNIVERSITY MED CTR	99 *
Memphis Tennessee	108	St Louis Missouri	99
Tullahoma Tennessee	781	WAYNE STATE UNIVERSITY	691 *
UNIVERSITY OF TEXAS ARLINGTON	150 *	Detroit Michigan	691
Arlington Texas	150	WENTWORTH INST OF TECHNOLOGY	1,609 *
UNIVERSITY OF TEXAS AT DALLAS	1,199 *	Boston Mass	1,609
Richardson Texas	1,199	WEST VIRGINIA UNIVERSITY	153 *
UNIVERSITY OF TEXAS SYSTEM	49,047 *	Morgantown W Virginia	153
Arlington Texas	50	WESTERN MICHIGAN UNIVERSITY	45 *
Austin Texas	48,211	Kalamazoo Michigan	45
Dallas Texas	50	WESTERN WASHINGTON UNIVERSITY	396 *
El Paso Texas	359	Bellingham Washington	396
Galveston Texas	130	WOODS HOLE OCNRPIC INSTUTE	8,207 *
San Antonio Texas	247	Woods Hole Mass	8,207
UNIVERSITY OF UTAH	3,394 *	WORCESTER PLTYCHNIC INSTITUTE	172 *
Salt Lake City Utah	3,394	Worcester Mass	172
UNIVERSITY OF VERMONT	226 *	WRIGHT STATE UNIVERSITY	1,217 *
Burlington Vermont	226	Dayton Ohio	633
UNIVERSITY OF VIRGINIA	3,547 *	Wright Patters Ohio	584
Washington D.C.	104	YALE UNIVERSITY	1,753 *
Austin Texas	1,173	New Haven Conn	1,753
Charlottesville Virginia	2,270		
UNIVERSITY OF WASHINGTON	26,796 *		
Seattle Washington	26,796		

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions
in the United States Receiving DOD Prime Contracts
Over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work		Thousands of Dollars	Name of Contractor Location of Work		Thousands of Dollars
YESHIVA UNIVERSITY		115 *			
New York	New York	70			
Philadelphia	Penn	45			
	TOTAL	2,844,680			

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

Table 2. U.S. Government Agencies Receiving DOD Prime Contract Awards Over \$25,000 for RDT&E Work: FY 1990

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
COMMONWEALTH OF VIRGINIA Richmond Virginia	89 * 89		
FEDERAL PRISON INDUSTRIES Leavenworth Kansas	40 * 40		
NATIONAL AERONAUTICS SPC ADMIN Huntsville Alabama	120 * 120		
U S FOOD & DRUG ADMINISTRATION Rockville Maryland	95 * 95		
UNITED STATES DEPT OF COMMERCE Boulder Colorado Washington D.C. Gaithersburg Maryland Rockville Maryland National Space Miss Seattle Washington	4,976 * 1,161 1,057 2,269 137 168 184		
UNITED STATES DEPT OF ENERGY Berkeley California Oakland California San Francisco California Washington D.C. Argonne Illinois Albuquerque New Mexico Oak Ridge Tennessee Richland Washington	2,012 * 165 200 40 75 660 635 187 50		
UNITED STATES DEPT OF INTERIOR Reston Virginia	99 * 99		
TOTAL	7,431		

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

Table 3. Foreign Institutions and Government Agencies Receiving DOD Prime Contract Awards over \$25,000 for RDT&E Work: FY 1990

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
BEN GURION UNIVERSITY OF THE N ISRAEL	30 *	NATURAL ENVIRONMTL RSCH COUNCI UNITED KIN	246 *
CENTRE NATIONAL DETUDES SPATI FRANCE	1,842 *	OBSERVATORI DE LEBRE SPAIN	246
CENTRO DI CULTURA SCIENTIFICA ITALY	37 *	ROYAL NORWEGIAN NAVAL MATERIAL NORWAY	27 *
CTR FOR FIELD & APPLIED RESCH EGYPT	37		27
CULHAM LABORATORY UNITED KIN	70 *	ROYAL NORWEGION COUNCIL NORWAY	1,608 *
	70		1,608
	1,503 *	SACLANT ASW RESEARCH CENTER ITALY	460 *
	1,503		460
DELFT UNIV OF TECHNOLOGY NETHERLAND	30 *	SOREG NEUCLEAR RESEARCH CENTER ISRAEL	26 *
	30		26
FRAUNHAER GESELSCHAFT ZUR FOE GERMANY F	158 *	TECHNION RESEARCH & DEVELOPMEN ISRAEL	1,173 *
	158		1,173
FRESHWATER BIOLOGICAL ASSOC UNITED KIN	40 *	TEL AVIV UNIVERSITY ISRAEL	82 *
	40		82
HEBREW UNIVERSITY OF JERUSALEM ISRAEL	340 *	TIL DEFENSE SYSTEMS ISRAEL	50 *
	340		50
HUNTINGDON RESEARCH CENTER UNITED KIN	125 *	UNITED KINGDOM AUTOMIC UNITED KIN	86 *
	125		86
IMPERIAL COLLEGE OF SCIENCE UNITED KIN	322 *	UNITED KINGDOM MINISTRY OF DEF UNITED KIN	150 *
	322		150
INSTITUT NATIONAL DE RECHERCHE FRANCE	35 *	UNIVERSIDADE NOVA DE LISBOA PORTUGAL	13,042 *
	35		13,042
INSTITUTE DE CHIMIE PHYSIQUE SWITZERLAN	32 *	UNIVERSITE PARIS DAUPHINE FRANCE	50 *
	32		50
ISRAEL INST FOR BIOLOGICAL RES ISRAEL	453 *	UNIVERSITY OF ALBERTA CANADA	88 *
	453		88
ISREALI MINISTRY OF DEFENSE ISRAEL	410 *	UNIVERSITY OF BRADFORD UNITED KIN	74 *
	410		74
LIMPIEZA JANUZ BOLIVIA	102 *	UNIVERSITY OF BRISTOL UNITED KIN	27 *
	102		27
LONDON SCHOOL OF HYGIENE UNITED KIN	197 *	UNIVERSITY OF CAMBRIDGE UNITED KIN	59 *
	197		59
LUCHAIRE DEFENSE SA FRANCE	81 *	UNIVERSITY OF DUBLIN UNITED KIN	200 *
	81		200
MC GILL UNIVERSITY CANADA	75 *	UNIVERSITY OF EDINBURGH UNITED KIN	39 *
	75		39
MC MASTER UNIVERSITY CANADA	32 *	UNIVERSITY OF NOTTINGHAM UNITED KIN	75 *
	32		75
MENKPEYA LIVER INSTITUTE EGYPT	70 *	UNIVERSITY OF READING UNITED KIN	107 *
	70		107
NATIONAL CENTRE TRIBOLOGY UNITED KIN	185 *	UNIVERSITY OF STRATCLYDE UNITED KIN	36 *
	185		36
			33 *
			33

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 3. Foreign Institutions and Government Agencies Receiving
DOD Prime Contract Awards over \$25,000 for RDT&E Work: FY 1990**

Name of Contractor Location of Work			Thousands of Dollars	Name of Contractor Location of Work			Thousands of Dollars
UNIVERSITY OF SURREY			29 *				
	UNITED KIN		29				
UNIVERSITY OF VIENNA			30 *				
	AUSTRIA		30				
WARDLAW GRANT DR			32 *				
	AUSTRALIA		32				
WEIZMANN INSTITUTE THE			297 *				
	ISRAEL		297				
YORK UNIVERSITY			298 *				
	CANADA		298				
	TOTAL		24,593				

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)